

Application No. 10/630,555
Amendment dated October 11, 2006
Reply to Office Action of July 12, 2006

Docket No. NY-LUD-5298-USS-DIV

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AMENDMENTS TO THE CLAIMS

1-31. (Canceled)

32. (Currently amended) An isolated antibody which binds specifically to a human protein having activin like kinase activity which is encoded by a nucleic acid molecule consisting of a nucleotide sequence, the complementary sequence of which hybridizes to the nucleotide sequence of SEQ ID NO: 1, at 0.5x55°C, 0.1% SDS at 55°C, 5xSSC, 0.1% SDS, followed by two 15 minute washes in 0.5xSSC, 0.1% SDS, at 55°C.

33. (Currently amended) The isolated antibody of claim 32, which binds specifically to ~~an epitope by~~ amino acids 145-166 of SEQ ID NO: 2.